

Converting Colors

YUV(160.7290, 41.5456,
21.2857)

Have a look what the booklet for
YUV(160.7290, 41.5456, 21.2857)
contains.

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Color

**YUV(160.7290, 41.5456,
21.2857)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B984F5 |
| RGB | 185, 132, 245 |
| RGB Percent | 73%, 52%, 96% |
| CMY | 0.2745, 0.4824, 0.0392 |
| CMYK | 0.24, 0.46, 0.00, 0.04 |
| HSL | 268°, 85%, 74% |
| HSV | 268°, 46%, 96% |
| XYZ | 44.7403, 33.4094, 90.4768 |
| YIQ | 160.7290, -4.6850, 46.3790 |

Conversions

Conversions Part 2

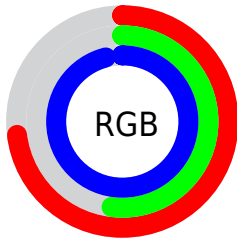
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 132, 245 |
| Decimal | 12158197 |
| CIELab | 64.49, 42.00, -49.25 |
| CIElCh | 64, 64.729, 310.459 |
| Yxy | 33.4094, 0.2653, 0.1981 |
| Android (android.graphics.Color) | 4290348277 (0xFFB984F5) |
| YUV | 160.7290, 41.5456, 21.2857 |
| Hunter-Lab | 57.8009, 37.0150, -52.3472 |

Details

The YUV color **160.7290, 41.5456, 21.2857** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **216.2710, -41.5456, -21.2857**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9090, 21.7369, 28.1438**, and **107.5500, 39.6619, 18.8117** is the 20% darker color. If you saturate the color by 10%, you get **142.7540, 50.4073, 25.6487**, and if you desaturate by 10%, it is **179.2910, 32.3945, 16.4078**.

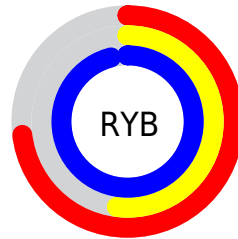
Distribution



Red (73%)

Green (52%)

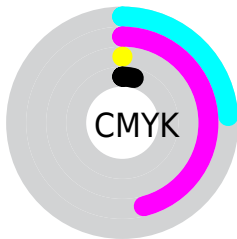
Blue (96%)



Red (73%)

Yellow (52%)

Blue (96%)

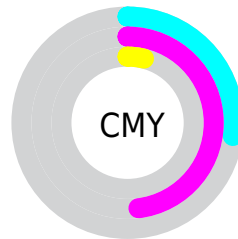


Cyan (24%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (48%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7290, 41.5456, 21.2857 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 160.7290, 41.5456, 21.2857 by changing the saturation by 10% instead.


 160.7290, 41.5456,
21.2857


 160.7290, 41.5456,
21.2857


255.0000, 0.0000,
0.0000

 133.7890, 40.5300,
20.3560


 210.9090, 21.7369,
28.1438

 107.5500, 39.6619,
18.8117


 230.9330, 11.8650,
21.1068

 81.7240, 39.0831,
17.7821

 247.9560, 3.4727,
6.1776

 56.4850, 38.2149,
16.2377

 29.3000, 38.7991,
15.5229

 14.8440, 33.6009,
2.7678

 6.7260, 25.7711,

-5.8987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 160.7290, 41.5456,
21.2857

■ 160.7290, 41.5456,
21.2857

■ 142.7540, 50.4073,
25.6487

■ 179.2910, 32.3945,
16.4078

■ 124.1920, 59.5583,
30.5266

■ 197.2660, 23.5329,
12.0447

■ 106.2170, 68.4200,
34.8897

■ 215.8280, 14.3818,
7.1668

■ 87.6550, 77.5711,
39.7676

■ 233.8030, 5.5201,
2.8038

■ 69.6800, 86.4328,
44.1306

■ 252.3650, -3.6309,
-2.0741

■ 62.3150, 90.0637,
46.2047

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



141.5720, 55.9200, -62.7686



160.7290, 41.5456, 21.2857



157.7990, 18.8331, 72.9673

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160.7290, 41.5456, 21.2857



151.2100, -55.3195, 56.8208



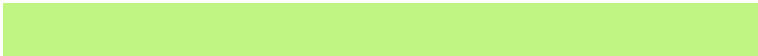
128.0720, 23.6285, -112.3191

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



160.7290, 41.5456, 21.2857



216.2710, -41.5456, -21.2857

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.3570, -2.1480, -104.6761



160.7290, 41.5456, 21.2857



146.4750, -60.8732, 18.0004

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160.7290, 41.5456, 21.2857



152.4180, -33.7301, 85.5794



139.8890, -38.8923, -32.3517



133.0540, 47.7944, -116.6884

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



160.7290, 41.5456, 21.2857



152.9570, 2.4862, 89.4917



139.8890, -38.8923, -32.3517



125.2050, 15.1819, -109.8048

Sweetspot

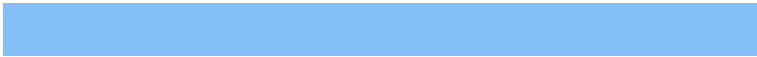
The Sweet Spot groups the original color and five complimentary colors.



160.7290, 41.5456, 21.2857



228.1870, 13.2188, 6.8520



180.1020, 31.9947, -42.1855



111.4980, 8.1355, 3.9483



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



160.7290, 41.5456, 21.2857



150.6940, 51.4229, 26.5784



177.4730, 33.2908, 55.7132



113.1620, 4.3571, 2.4889



47.2170, 68.4200, 34.8897



15.0980, 21.6437, 11.3151

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



172.6270, 9.5509, 63.4711



165.2960, 11.6861, 78.6704



199.5270, -33.2908, -55.7132



114.3860, 1.2887, 6.6775



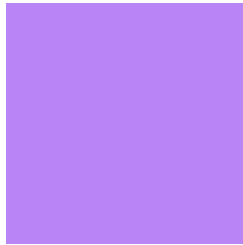
66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 160.7290, 41.5456, 21.2857 looks on a white background.

Color Contrast Check

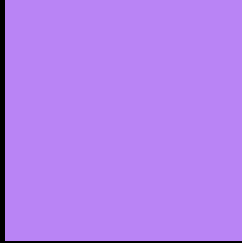
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 160.7290, 41.5456, 21.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

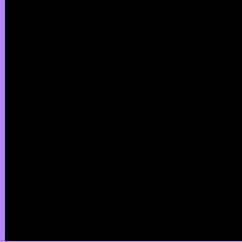
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.7290, 41.5456, 21.2857

Background



This preview shows how black text looks on a background with the YUV color 160.7290, 41.5456, 21.2857.



This preview shows how white text looks on a background with the YUV color 160.7290, 41.5456, 21.2857.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

160.7290, 41.5456, 21.2857

Protanopia

153.5650, 50.0075, -32.9445

Deuteranopia

153.3170, 42.7347, -33.6040



Tritanopia

158.0490, 2.4408, 10.4810

Trichromacy



Original Color

160.7290, 41.5456, 21.2857



Protanomaly

155.8880, 46.8902, -13.0568



Deuteranomaly

155.7370, 42.5277, -13.8013



Tritanomaly

158.8550, 16.8335, 14.1592

Monochromacy



Original Color

160.7290, 41.5456, 21.2857



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.7680, 15.3974, 8.0965

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7290, 41.5456, 21.2857 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 132, 245)` looks like.

```
.text, #text, p{  
    color:rgb(185, 132, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 132, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 132, 245) }
```

Border

The CSS property to change the border of an element to YUV 160.7290, 41.5456, 21.2857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 132, 245) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 132, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 132, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 132, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 132, 245);  
box-shadow:4px 4px 4px 4px rgb(185, 132,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 160.7290, 41.5456, 21.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 132, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
132, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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